

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of synchronizing visual information with audio playback, comprising the steps of:

receiving a user selection of a desired audio file;

initiating play of the desired audio file on an audio

5 playback device; and

displaying visual information associated with the desired audio file on a display device separate from said audio playback device in accordance with timestamp data such that the visual information is displayed synchronously with the playing of the

10 desired audio file, wherein the commencement of playing the desired audio file by the audio playback device and the commencement of the displaying step by the display device are a function of a signal from the display device.

2. (Currently Amended) The method as ~~recited~~ claimed in claim 1, wherein the signal comprises an infrared signal.

3. (Currently Amended) The method as ~~recited~~ claimed in claim 1, wherein the display device comprises a handheld device.

4. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein the signal turns the ~~remote~~audio playback device off and on prior to the ~~remote~~audio playback device playing the desired audio file.

5. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein said method further ~~comprising~~comprises the step of: _____ analyzing the audio file and generating timestamp data corresponding to the visual information associated with the audio
5 file.

6. (Currently Amended) The method as ~~recited~~claimed in claim 5, wherein the timestamp data is generated utilizing a ~~text~~text- based process.

7. (Currently Amended) The method as ~~recited~~claimed in claim 5, wherein the timestamp data is generated utilizing a pronunciation dictionary process.

8. (Currently Amended) The method as ~~recited~~claimed in claim 5, wherein the timestamp data is generated utilizing a note transcription of music process.

9. (Currently Amended) The method as ~~recited~~claimed in claim 5, wherein the timestamp data is generated utilizing tempo information extracted from music.

10. (Currently Amended) The method as ~~recited~~claimed in claim 5, wherein said method further ~~comprising~~comprises the steps of:
_____ comparing a location of a keyword extracted from the desired audio file with an actual location of a keyword within the
5 timestamp data; and
_____ adjusting the location of the extracted keyword to match the location of the keyword within the timestamp data.

11. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein the visual information comprises text lines.

12. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein said method further ~~comprising~~comprises the step of:
_____ displaying a title of the desired audio file on the display device.

13. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein the selection is from a list stored in a memory associated with the display device.

14. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein the selection is performed by a random number selection method.

15. (Currently Amended) The method as ~~recited~~claimed in claim 1, wherein said method further ~~comprising~~comprises the step of:
_____ sending a signal from the display device to a ~~remote~~the audio playback device to cause the ~~remote~~audio playback device to
5 start.

16. (Original) A method of synchronizing visual information with audio playback, comprising the steps of:

extracting at least one acoustic feature from audio data;
detecting pauses within the audio data;

5 segmenting the audio data into at least one segment in accordance with the at least one acoustic feature and the pauses;
generating at least one timestamp value associated with the at least one segment;

10 inputting visual information consisting of text corresponding to speech occurring in the audio data, said visual information having at least one segment corresponding to the at least one segment in the audio data;

assigning the at least one timestamp value to the at least one segment in the visual information such that each segment of the

15 visual information may be displayed synchronously with ~~the audio~~
~~playback~~playing of the corresponding segment in the audio data; and
~~displaying~~initiating the display of the at least one
segment of the visual information on a display device synchronously
with ~~the audio playback~~the playing back of the corresponding at
20 least one segment of the audio data by a separate playback device.

17. (Currently Amended) The method as ~~recited~~claimed in claim
16, wherein the at least one segment refers to lyrics of a song.

18. (Currently Amended) The method as ~~recited~~claimed in claim
16, wherein the ~~distinguishing~~segmenting step includes a
differentiation between segments intended to be sung by one of the
male gender and the female gender.

19. (Currently Amended) The method as ~~recited~~claimed in claim
16, wherein said method further ~~comprising~~comprises the step of:
_____providing an indication of a tempo of the visual
information corresponding to the audio playback.

20. (Currently Amended) The method of synchronizing visual
information with audio playback as ~~recited~~claimed in claim 16,
wherein the pause detection step separates the audio data into
voice segments and non-voice segments.

21. (Withdrawn) A method of generating timestamp data, from an audio source comprising the steps of:

extracting voice and non-voice data from said source;

analyzing the voice and non-voice data to identify

5 selected information in the voice and non-voice data, the selected information providing a basis for generating timestamps; and

generating timestamp values associated with each of the selected information.

22. (Withdrawn) The method of generating timestamp data as recited in claim 21 wherein the analyzing step includes the step of dividing the voice and non-voice data into separate segments.

23. (Withdrawn) An apparatus for synchronizing visual information associated with audio playback, comprising:

a feature extraction device for extracting acoustical features from audio data;

5 a pause detector device for detecting pauses in the audio data;

a classifier device for parsing a continuous bit-stream of audio data into different non-overlapping segments such that each segment is homogenous in terms of its class; and

10 a timestamp device for assigning timestamp values to each
segment.

24. (Original) An apparatus for synchronizing visual information
associated with audio playback, comprising:

5 a memory for storing a listing of audio files, and for
storing visual information corresponding to said audio files, said
visual information containing timestamp data enabling synchronous
display of said visual information with audio playback of the
corresponding audio file on a separate audio playback device;
 a display device for displaying said visual information;
and

10 a processor ~~configured to receive~~for receiving a user
selection of a desired audio file from said stored listing of audio
files; initiate play of the desired audio file; and display, for
effecting playback of the desired audio file on said separate audio
playback device, and for initiating display of the visual
15 information associated with the desired audio file on athe display
device in accordance with the timestamp data~~such that the visual~~
~~information is displayed synchronously with the playing of the~~
~~desired audio file~~, wherein the commencement of playing the desired
audio file by a separate audio playback device and the commencement
20 of the displaying step are a function of a signal from the display
device.